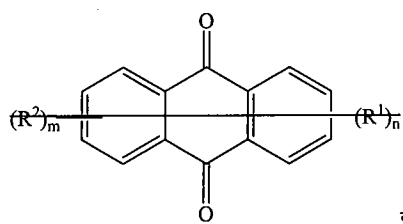


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A compound **having the formula:**

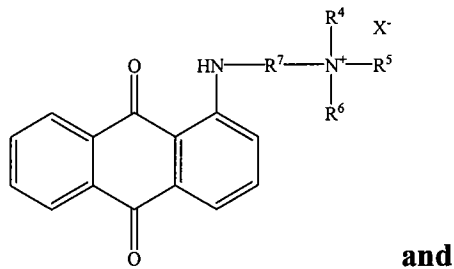


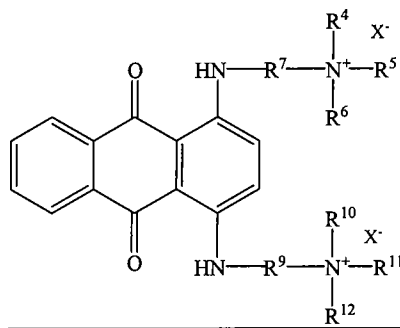
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wherein:

~~each R¹ is an independently selected quaternary ammonium salt group;~~
~~each R² is independently selected from a quaternary ammonium salt group~~
~~and a substituent group;~~
~~m is an integer from 0 to 4; and~~
~~n is an integer from 1 to 4~~

selected from the group consisting of





wherein

R⁴, R⁵, R¹⁰, and R¹¹ are each independently selected C₁-C₄ alkyl groups;

R⁶ and R¹² are each independently selected C₄-C₁₈ alkyl groups;

R⁷ and R⁹ are each independently selected C₁-C₁₂ alkylene groups

interrupted with a heteroatom or -C(O)R⁸ groups, wherein R⁸ is a C₁-C₁₂ alkylene group; and

each X is an independently selected counter anion.

2. (Canceled)

3. (Canceled)

4. (Currently Amended) The compound of claim [[3]] **1**, wherein:

R⁴ and R⁵ are methyl groups; and

R⁶ is a C₄-C₁₈ alkyl group.

5. (Original) The compound of claim **4**, wherein:

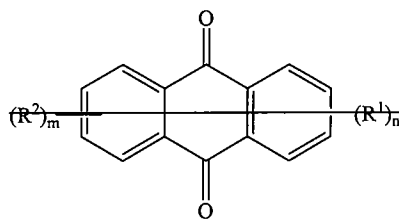
R⁶ is selected from the group consisting of a butyl, pentyl, hexyl, heptyl, octyl, nonyl, decyl, undecyl, and dodecyl group.

6. (Original) The compound of claim **5**, wherein:

R⁶ is selected from the group consisting of an octyl and dodecyl group.

7. (Currently amended) The compound of claim [[2]] **1**, wherein X is independently selected from the group consisting of F⁻, Cl⁻, Br⁻, I⁻, and combinations thereof.

8. (Canceled)
9. (Canceled)
10. (Currently amended) The compound of claim **[[9]] 1**, wherein R^4 and R^5 are methyl groups.
11. (Currently amended) The compound of claim **[[9]] 1**, wherein R^6 is an octyl or dodecyl group.
12. (Currently amended) The compound of claim **[[9]] 1**, wherein R^7 is a -CH₂ or a -C(O)CH₂ group.
13. (Canceled)
14. (Canceled)
15. (Currently amended) The compound of claim **[[14]] 1**, wherein R^4 , R^5 , R^{10} , and R^{11} are methyl groups.
16. (Currently amended) The compound of claim **[[14]] 1**, wherein R^6 and R^{12} are independently selected octyl or dodecyl groups.
17. (Currently amended) The compound of claim **[[14]] 1**, wherein R^7 and R^9 are independently selected -CH₂ or -C(O)CH₂ groups.
18. (Canceled)
19. (Currently amended) A polymer composition comprising:
 - (a) a polymer, wherein said polymer is a member selected from the group consisting of a textile, a plastic, rubber, paint, a surface coating, an adhesive, and a combination thereof; and
 - (b) a compound ~~having the formula:~~

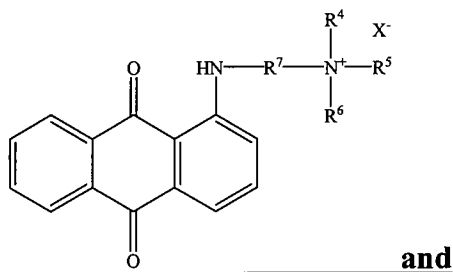


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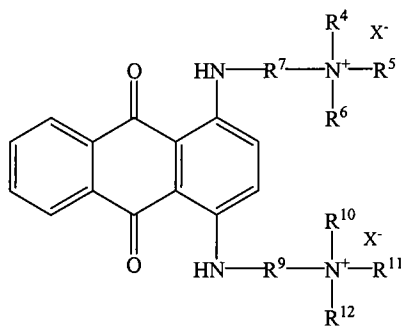
wherein:

~~each R^1 is an independently selected quaternary ammonium salt group;~~
~~each R^2 is independently selected from a quaternary ammonium salt group~~
~~and a substituent group;~~
~~m is an integer from 0 to 4; and~~
~~n is an integer from 1 to 4~~

selected from the group consisting of



and



wherein

R^4 , R^5 , R^{10} , and R^{11} are each independently selected C_1 - C_4 alkyl groups;

R⁶ and R¹² are each independently selected C₄-C₁₈ alkyl groups;
R⁷ and R⁹ are each independently selected C₁-C₁₂ alkylene groups
interrupted with a heteroatom or -C(O)R⁸ groups, wherein R⁸ is a C₁-C₁₂
alkylene group; and
each X is an independently selected counter anion.

20. (Original) The composition of claim 19, wherein said polymer is a textile.

21. (Original) The composition of claim 20, wherein said textile is selected from the group consisting of a fiber from a plant, a polymer from an animal, a natural organic polymer, a synthetic organic polymer, an inorganic substance, and a combination thereof.

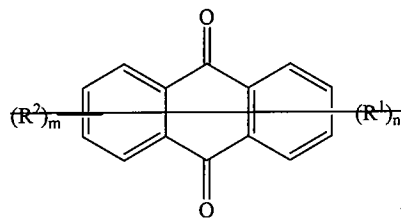
22. (Original) The composition of claim 21, wherein said textile is selected from the group consisting of cellulose, cotton, linen, hemp, jute, ramie, wool, mohair, vicuna, silk, rayon, lyocell, acetate, triacetate, nylon, polyester, a polyester/cellulose blend, acrylic, azlon, aramid, olefin, spandex, vinyon, vinyl, graphite, an aromatic polyamide, glass, a metallic material, a ceramic material, and a combination thereof.

23. (Original) The composition of claim 19, wherein said polymer is a plastic.

24. (Original) The composition of claim 23, wherein said plastic is selected from the group consisting of polyethylene, polypropylene, polystyrene, and polyvinylchloride polyamideimide, polyethersulfone, polyarylsulfone, polyetherimide, polyarylate, polysulfone, polycarbonate, polyetherketone, polyetheretherketone, polytetrafluoroethylene, nylon-6,6, nylon-6,12, nylon-11, nylon-12, acetal resin, polypropylene, polyethylene, and a combination thereof.

25. (Currently amended) A method for simultaneously dyeing and finishing a polymer, said method comprising:

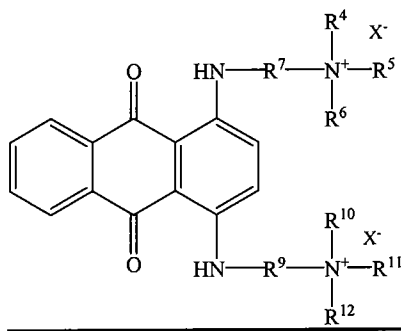
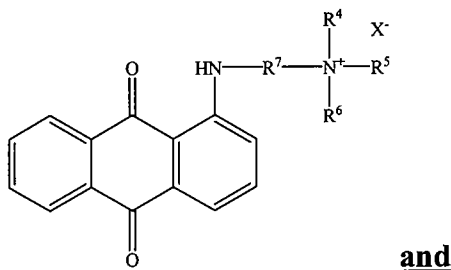
immersing said polymer in an aqueous treating solution which comprises a compound **having the formula:**



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wherein:

~~each R¹ is an independently selected quaternary ammonium salt group;~~
~~each R² is independently selected from a quaternary ammonium salt group~~
~~and a substituent group;~~
~~m is an integer from 0 to 4; and~~
~~n is an integer from 1 to 4~~
selected from the group consisting of



wherein

R⁴, R⁵, R¹⁰, and R¹¹ are each independently selected C₁-C₄ alkyl groups;
R⁶ and R¹² are each independently selected C₄-C₁₈ alkyl groups;
R⁷ and R⁹ are each independently selected C₁-C₁₂ alkylene groups
interrupted with a heteroatom or -C(O)R⁸ groups, wherein R⁸ is a C₁-C₁₂
alkylene group; and
each X is an independently selected counter anion.

26. (Original) The method of claim 25, further comprising removing excess aqueous treating solution from said polymer.
27. (Original) The method of claim 26, further comprising drying said article after removing excess aqueous treating solution to produce a dried polymer.
28. (Original) The method of claim 25, wherein said aqueous treating solution further comprises a wetting agent.
29. (Original) The method of claim 25, wherein said polymer is a textile.
30. (Original) The method of claim 29, wherein said textile is selected from the group consisting of a fiber from a plant, a polymer from an animal, a natural organic polymer, a synthetic organic polymer, an inorganic substance, and a combination thereof.
31. (Original) The method of claim 30, wherein said textile is selected from the group consisting of cellulose, cotton, linen, hemp, jute, ramie, wool, mohair, vicuna, silk, rayon, lyocell, acetate, triacetate, nylon, polyester, a polyester/cellulose blend, acrylic, azlon, aramid, olefin, spandex, vinyon, vinyl, graphite, an aromatic polyamide, glass, a metallic material, a ceramic material, and a combination thereof.
32. (Original) The method of claim 25, wherein said polymer is a plastic.
33. (Original) The method of claim 32, wherein said plastic is selected from the group consisting of polyethylene, polypropylene, polystyrene, and polyvinylchloride polyamideimide, polyethersulfone, polyarylsulfone, polyetherimide, polyarylate, polysulfone,

polycarbonate, polyetherketone, polyetheretherketone, polytetrafluoroethylene, nylon-6,6, nylon-6,12, nylon-11, nylon-12, acetal resin, polypropylene, polyethylene, and a combination thereof.